

# Daniel Kliewer

Austin, Texas

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## Generative AI Generalist | AI Operations | RLHF & Local AI Systems

AI developer and operations-oriented technologist with 10+ years of experience in data annotation, reinforcement learning from human feedback (RLHF), AI evaluation workflows, and full-stack software engineering. Experienced building scalable AI systems, operational pipelines, and quality assurance processes across local-first LLM architectures, agent orchestration systems, and knowledge graph workflows.

Strong background in ambiguity-driven environments requiring rapid iteration, cross-functional coordination, analytical problem solving, and communication between technical and operational stakeholders. Focused on building reliable AI systems with measurable quality controls, reproducible workflows, and scalable operational structures.

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## Core Skills

### AI & Data Operations

- RLHF & Human Feedback Systems
- AI Evaluation & QA Workflows
- Dataset Annotation & Adjudication
- Operational Process Improvement
- Prompt Engineering
- AI Alignment & Factuality Evaluation
- Workflow Documentation
- Cross-Functional Coordination

### AI Engineering

- Local LLM Systems (Ollama, llama.cpp)
- RAG & GraphRAG Architectures
- Multi-Agent Systems
- Knowledge Graphs
- LangChain & LangGraph
- MCP (Model Context Protocol)
- Vector Databases (ChromaDB)

## **Full-Stack Development**

- Python
- TypeScript
- React / Next.js
- FastAPI
- Django
- PostgreSQL
- Docker
- Tailwind CSS

## **Operations & Communication**

- Technical Documentation
- Product Operations
- Process Optimization
- Research Synthesis
- Customer-Facing Communication
- QA Escalation Handling
- Specification-Driven Development

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## **Professional Experience**

### **Independent AI Developer & RLHF Specialist**

Austin, TX | 2022 – Present

- Designed and developed multiple AI systems focused on local-first inference, privacy-preserving workflows, and scalable operational architectures.

- Contributed to RLHF pipelines through human ranking, evaluation, annotation, and quality review of model outputs focused on helpfulness, truthfulness, and safety.
- Built reproducible agentic workflows for specification-driven development using graph-based orchestration systems and structured prompt pipelines.
- Created operational QA strategies for AI-generated outputs, including evaluation pipelines for GraphRAG systems and factuality review.
- Developed systems integrating vector databases, knowledge graphs, and autonomous agents to improve context retention and workflow reliability.
- Managed end-to-end project delivery independently across architecture planning, implementation, testing, deployment, and documentation.

## **Selected Projects**

- Synthetic Intelligence (synt): Local-first persona intelligence platform for grounded knowledge synthesis and conversational retrieval.
  - Dynamic Persona MoE RAG: Graph-based mixture-of-experts RAG architecture using dynamic persona switching and local inference.
  - SpecGen: AI-powered specification-to-application workflow system for structured software generation.
  - Orthos: Replayable graph-executed cognitive system focused on transparency and deterministic AI workflows.
  - GraphRAGEval: Evaluation framework for GraphRAG factuality and benchmarking workflows.
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## **Freelance Web Developer & Creative Technologist**

2010 – Present

- Built and maintained multiple websites, creative platforms, and AI-integrated applications for independent clients and personal ventures.
  - Developed operational workflows for content systems, SEO optimization, and AI-assisted publishing pipelines.
  - Produced digital media, experimental interactive systems, and web applications combining engineering with creative communication.
  - Managed independent project timelines, client communication, deployment pipelines, and ongoing maintenance.
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# Community Leadership

## Founder — Loco LLM Community

- Founded and organized an open-source AI community focused on local LLM systems, self-hosted AI infrastructure, and collaborative development.
  - Organized hackathons and technical initiatives centered on AI agents, local inference, and operational autonomy.
  - Created educational materials and workflow guides helping developers adopt local AI tooling and agentic development methods.
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## Education

### B.A. History

University of Mary Hardin-Baylor

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## Additional Information

- 10+ years experience in data annotation and evaluation workflows
  - Experienced working with ambiguity and rapidly evolving AI systems
  - Strong written communication and technical explanation skills
  - Passionate about operational reliability, AI evaluation quality, and scalable human-in-the-loop systems
  - Open to full-time AI operations, evaluation, and product-focused roles
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